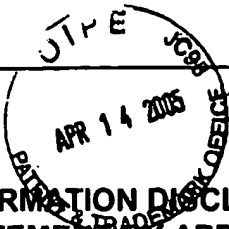


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



Complete if Known

Application Number	09/688,282
Filing Date	October 13, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2685
Examiner Name	Thuan T. Nguyen
Confirmation No.	7019
Attorney Docket Number	0101-137

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
TH		6,317,594	B1	Gossman et al.	11-13-2001

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Examiner *Thuan T. Nguyen* Date: 3/25/05



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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/688,282
Filing Date	October 13, 2000
First Named Inventor	Helferich, Richard J.
Group Art Unit	260+ 268
Examiner Name	Not yet assigned - T. A. G. (S. J.)
Attorney Docket Number	00101-137-USP

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JP		5,406,557		Baudoin	04/11/1995	
		5,455,823		Noreen et al.	10/03/1995	
		5,483,352		Fukuyama et al.	01/09/1996	
		5,564,018		Flores et al.	10/08/1996	
		5,557,659		Hyde-Thompson	09/17/1996	
		5,608,786		Gordon	03/04/1997	
		5,630,060		Tang et al.	05/13/1997	
		5,630,207		Gitlin et al.	05/13/1997	
		5,633,916		Goldhagen et al.	05/27/1997	
		5,649,305		Yoshida	07/15/1997	
		5,717,742		Hyde-Thompson	02/10/1998	
		5,726,643		Tani	03/10/1998	
		5,737,394		Anderson et al.	04/07/1998	
		5,737,395		Iribarren	04/07/1998	
		5,742,668		Pepe et al.	04/21/1998	
		5,745,689		Yeager et al.	04/28/1998	
		5,761,622		Priest	06/02/1998	
		5,796,394		Wicks et al.	08/18/1998	
		5,805,886		Skarbo et al.	09/08/1998	
		5,809,130		Ayala	09/15/1998	
		5,870,454		Dahlen	02/09/1999	
		5,812,795		Horovitz et al.	09/22/1998	
		5,828,882		Hinckley	10/27/1998	
		5,835,089		Skarbo et al.	11/10/1998	
		5,850,594		Cannon et al.	12/15/1998	
		5,872,926		Levec et al.	02/16/1999	
		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
		5,892,909		Grasso et al.	04/06/1999	
		5,905,495		Tanaka et al.	05/18/1999	
		5,913,032		Schwartz et al.	06/15/1999	
		5,938,725		Hara	08/17/1999	
		5,948,059		Woo et al.	09/07/1999	
		5,951,638		Hoss et al.	09/14/1999	
		5,961,590		Mendez et al.	10/05/1999	
		5,961,620		Trent et al.	10/05/1999	
		5,963,618		Porter	10/05/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Country	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
JP			O 631 419 A1		Europe	12/28/1994		
			EP 0 777 394 A1		Europe	06/04/1997		
			WO 98/58476		PCT	12/23/1998		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/688,282
				Filing Date	October 13, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684 2685
				Examiner Name	Not yet assigned T. J. K. U. Y. E.
Sheet	2	of	2	Attorney Docket Number	00101-137-USP

WO 99 65256A	Logica, Inc.	12/16/1999
EP 0831 664 A2	Siemens Business Communication Systems, Inc.	09/19/1997

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	3/28/05
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/688,282
Filing Date	October 13, 2000
First Named Inventor	Helferich, Richard J.
Group Art Unit	2684 2685
Examiner Name	Not yet assigned - TAGU
Attorney Docket Number	00101-137-USP

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RJP		5,406,557		Baudoin	04/11/1995	
		5,455,823		Noreen et al.	10/03/1995	
		5,483,352		Fukuyama et al.	01/09/1996	
		5,564,018		Flores et al.	10/08/1996	
		5,557,659		Hyde-Thompson	09/17/1996	
		5,608,786		Gordon	03/04/1997	
		5,630,060		Tang et al.	05/13/1997	
		5,630,207		Gitlin et al.	05/13/1997	
		5,633,916		Goldhagen et al.	05/27/1997	
		5,649,305		Yoshida	07/15/1997	
		5,717,742		Hyde-Thompson	02/10/1998	
		5,726,643		Tani	03/10/1998	
		5,737,394		Anderson et al.	04/07/1998	
		5,737,395		Iribarren	04/07/1998	
		5,742,668		Pepe et al.	04/21/1998	
		5,745,689		Yeager et al.	04/28/1998	
		5,761,622		Priest	06/02/1998	
		5,796,394		Wicks et al.	08/18/1998	
		5,805,886		Skarbo et al.	09/08/1998	
		5,809,130		Ayala	09/15/1998	
		5,870,454		Dahlen	02/09/1999	
		5,812,795		Horovitz et al.	09/22/1998	
		5,828,882		Hinckley	10/27/1998	
		5,835,089		Skarbo et al.	11/10/1998	
		5,850,594		Cannon et al.	12/15/1998	
		5,872,926		Levec et al.	02/16/1999	
		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
		5,892,909		Grasso et al.	04/06/1999	
		5,905,495		Tanaka et al.	05/18/1999	
		5,913,032		Schwartz et al.	06/15/1999	
		5,938,725		Hara	08/17/1999	
		5,948,059		Woo et al.	09/07/1999	
		5,951,638		Hoss et al.	09/14/1999	
		5,961,590		Mendez et al.	10/05/1999	
		5,961,620		Trent et al.	10/05/1999	
		5,963,618		Porter	10/05/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Country	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
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RJP			O 631 419 A1		Europe	12/28/1994		
			EP 0 777 394 A1		Europe	06/04/1997		
			WO 98/58476		PCT	12/23/1998		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/688,282		
		Filing Date	October 13, 2000		
		First Named Inventor	Helferich, Richard J.		
		Group Art Unit	2004 2680		
		Examiner Name	Not yet assigned T. NGUYEN		
Sheet	2	of	2	Attorney Docket Number	00101-137-USP

WO 99 65256A	Logica, Inc.	12/16/1999
EP 0831 664 A2	Siemens Business Communication Systems, Inc.	09/19/1997

Examiner Signature		Date Considered	3/25/00
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	3/25/00
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached

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INFORMATION DISCLOSURE CITATION
IN AN APPLICATION



Docket Number	Application Number
19529-034	08/933,344
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
September 19, 1997	2749 2685

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EN	A	6,021,433	2/1/00	Payne et al.	—	—	

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FOREIGN PATENT DOCUMENTS

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REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
T. Nguyen	3/28/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

Restondocs:17761.1(DPD011.DOC)



INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Docket Number	Application Number		
				19504-012	08/933,344		
				Applicant(s)			
				Richard J. Helferich			
				Filing Date	Group Art Unit		
				September 19, 1997	2740 2600		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>QZ</i>	A	5,003,576	3/26/91	Helferich			
<i>QZ</i>	B	5,592,532	1/7/97	Koizumi			
	C						
	D						
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			
Not Yet Assigned				3/28/02			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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Restondocs:7690.1(5XM011.DOC)



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Docket Number	Application Number
19504-012	08/933,344
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
9/19/97	2746-248

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
<i>OK</i>	A	5,781,857	7/14/98	Hwang et al.	—	—	6/28/96
<i>7/6</i>	B	5,838,252	11/17/98	Kikinis	—	—	9/9/96

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
T. Nguyen <i>Nguyen</i>	3/25/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	08/933,344
	Filing Date	September 19, 1999
	First Named Inventor	Richard J. Helferich
	Group Art Unit	2746-2680
	Examiner Name	T. Nguyen
	Attorney Docket Number	19504-012

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U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate
202	1.	4,868,560	9/19/89	Oliwa et al.	340	825	5/11/88
	2.	5,473,667	12/5/95	Neustein	379	57	1/25/93
	3.	5,561,702	10/1/96	Lipp et al.	379	57	1/18/94
	4.	5,630,207	5/13/97	Gitlin et al.	455	54	6/19/95
	5.	5,684,859	11/4/97	Chanroo et al.	379	58	5/1/95
	6.	5,726,643	3/10/98	Tani	340	825	1/3/95
	7.	5,761,622	6/2/98	Priest	455	522	5/18/95
	8.	5,809,130	9/15/98	Ayala	379	266	7/8/93
202	9.	5,850,594	12/15/98	Cannon et al.	455	31.3	8/26/96

FOREIGN PATENT DOCUMENTS						
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	

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3/25/00



Notice of References Cited

Application No.
08/933,344

Applicant(s)

Helferich

Examiner

Thuan Nguyen

Group Art Unit

2740-
2685

Page 1 of 1

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,696,500	12/09/97	Diem	455	31.2
B	5,463,672	10/31/95	Kage	455	458
C	5,175,758	12/29/92	Levanto et al.	455	458
D	5,815,800	09/29/98	Su et al.	455	31.2
E	5,455,823	10/03/95	Noreen et al.	455	31.1
F	5,489,894	02/06/96	Murray	455	38.4
G					
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
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Q						
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S						
T						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U		
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W		
X		

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 6300-0006-52		SERIAL NO. 08/933,344	
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold;"> OFFICE APR 03 2002 </div> </div>				APPLICANT Richard J. HELFERICH			
				FILING DATE September 19, 1997		GROUP 2680	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
JP	AA 5,448,759	09/05/95	Jay R. KREBS, et al.	—	—		
	AB 5,239,679	08/24/93	Makoto MURAI	—	—		
	AC 5,774,803	06/30/98	Kazuo KARIYA	—	—		
	AD 5,257,307	10/26/93	Masahiro ISE	—	—		
JP	AE 5,694,120	12/02/97	Jack P. INDEKEU, et al.	—	—	<div style="font-size: 24px; font-weight: bold;">RECEIVED</div> <div style="font-size: 18px;">APR 04 2002</div> <div style="font-size: 16px;">Technology Center 2600</div>	
	AF						
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	AN						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						
Examiner				Date Considered 3/25/00			
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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PATENT & TRADEMARK OFFICE

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 31520/169696	SERIAL NO. 08/933,344
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Richard J. Helferich	
		FILING DATE: September 19, 1997	GROUP: 1

U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>607</i>	3,118,145	01/14/64	Nee	—	—	
<i>Y</i>	4,480,253	10/30/84	Anderson	—	—	
	4,644,352	02/17/87	. Fujii	—	—	
	4,737,979	04/12/88	Hashimoto	—	—	
	4,812,843	03/14/89	Champion, III et al.	—	—	
	4,821,308	04/11/89	Hashimoto	—	—	
	4,825,456	04/25/89	Rosenberg	—	—	
	4,845,491	07/04/89	Fascenda et al.	—	—	
	4,853,688	08/01/89	Andros et al.	—	—	
	4,897,835	01/30/90	Gaskill et al.	—	—	
	4,942,598	07/17/90	Davis	—	—	
	4,961,216	10/02/90	Baehr et al.	—	—	
	4,965,569	10/23/90	Bennett et al.	—	—	
	4,975,694	12/04/90	McLaughlin et al.	—	—	
	5,005,013	04/02/91	Tsukamoto et al.	—	—	
	5,007,105	04/09/91	Kudoh et al.	—	—	
	5,040,204	08/13/91	Sasaki et al.	—	—	
	5,043,721	08/27/91	May	—	—	
	5,047,763	09/10/91	Kuznicki et al.	—	—	
	5,065,423	11/12/91	Gaskill	—	—	
	5,093,659	03/03/92	Yamada	—	—	
	5,115,233	05/19/92	Zdunek et al.	—	—	
	5,117,449	05/26/92	Metroka et al.	—	—	
	5,128,980	07/07/92	Choi	—	—	
	5,134,724	07/28/92	Gehring et al.	—	—	
	5,138,311	08/11/92	Weinberg	—	—	
	5,138,312	08/11/92	Tsukamoto et al.	—	—	
	5,140,419	08/18/92	Galumbeck et al.	—	—	
	5,146,612	09/08/92	Grosjean et al.	—	—	
	5,153,903	10/06/92	Eastmond et al.	—	—	
	5,159,331	10/27/92	Park et al.	—	—	
	5,159,713	10/27/92	Gaskill et al.	—	—	
<i>✓</i>	5,173,688	12/22/92	DeLuca et al.	—	—	
<i>✓</i>	5,177,780	01/05/93	Kasper et al.	—	—	

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 31520/169696	SERIAL NO.: 08/933,344
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Richard J. Helferich	
		FILING DATE: September 19, 1997	GROUP: 2685

U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W/C	5,182,553	01/28/93	Kung	—	—	
	5,185,604	02/09/93	Nepple et al.	—	—	
	5,192,947	03/09/93	Neustein	—	—	
	5,194,857	03/16/93	Gomez	—	—	
	5,212,636	05/18/93	Nakazawa	—	—	
	5,220,366	06/15/93	King	—	—	
	5,227,774	07/13/93	Benolst	—	—	
	5,241,305	08/31/93	Fascenda et al.	—	—	
	5,247,700	09/21/93	Wohl et al.	—	—	
	5,257,307	10/26/93	Ise	—	—	
	5,265,033	11/23/93	Vajk et al.	—	—	
	5,285,426	02/08/94	Teodoridis	—	—	
	5,315,635	05/24/94	Kane et al.	—	—	
	5,329,501	07/12/94	Meister et al.	—	—	
	5,379,031	01/03/95	Mondrosch et al.	—	—	
	5,396,537	03/07/95	Schwendeman	—	—	
	5,398,021	03/14/95	Moore	—	—	
	5,402,466	03/28/95	Delahanty	—	—	
	5,410,302	04/25/95	Dulaney, III et al.	—	—	
	5,418,835	05/23/95	Frohman et al.	—	—	
	5,426,422	06/20/95	Heuvel et al.	—	—	
	5,426,594	06/20/95	Wright et al.	—	—	
	5,428,663	06/27/95	Grimes et al.	—	—	
	5,432,839	07/11/95	DeLuca	—	—	
	5,440,559	08/08/95	Gaskill	—	—	
	5,444,671	08/22/95	Tschannen et al.	—	—	
	5,452,356	09/19/95	Albert	—	—	
	5,457,732	10/10/95	Goldberg	—	—	
	5,473,143	12/05/95	Vak et al.	—	—	
	5,475,653	12/12/95	Yamada et al.	—	—	
	5,479,378	12/26/95	Yamada et al.	—	—	
	5,479,408	12/26/95	Will	—	—	
	5,481,255	07/02/96	Albert et al.	—	—	
W/C	5,483,595	01/09/96	Owen	—	—	

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Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 31520/169596	SERIAL NO.: 08/933,344
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Richard J. Helfferich	
		FILING DATE: September 19, 1997	GROUP: 2485

U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
8/8	5,485,503	01/16/96	Diem	—	—	
	5,487,100	01/23/96	Kane	—	—	
	5,497,373	03/05/96	Hulen et al.	—	—	
	5,530,438	06/25/96	Bickham et al.	—	—	
	5,530,930	06/25/96	Hahn	—	—	
	5,550,535	08/27/96	Park	—	—	
	5,555,446	09/10/96	Jasinski	—	—	
	5,572,196	11/05/96	Sakumoto et al.	—	—	
	5,572,488	11/05/96	Yamada et al.	—	—	
	5,579,372	11/26/96	Åström	—	—	
	5,581,593	12/03/96	Engelke et al.	—	—	
	5,588,009	12/24/96	Will	—	—	
	5,600,703	02/04/97	Dang et al.	—	—	
	5,604,788	02/18/97	Tett	—	—	
	5,623,242	04/22/97	Dawson, Jr. et al.	—	—	
	5,627,525	05/06/97	Kudoh et al.	—	—	
	5,635,918	06/03/97	Tett	—	—	
	5,644,627	07/01/97	Segal et al.	—	—	
	5,654,942	08/05/97	Akahane	—	—	
	5,663,703	09/02/97	Pearlman et al.	—	—	
	5,675,507	10/07/97	Bobo, II	—	—	
	5,675,627	10/07/97	Yaker	—	—	
8/8	5,678,179	10/14/97	Turcotte et al.	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Document : Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focartie et al.	
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